

VIRGINIA DEPARTMENT OF FORENSIC SCIENCE
DNA DATABANK

GEL #s: _____

ANALYST: _____

DATE: _____

PLATE #:

**POWERPLEX 16 BIO
STR AMPLIFICATION SET-UP**

Transfer witness: _____

REAGENT	VOLUME (µL)	LOT# / SOURCE
PowerPlex 16 BIO QC date:	Exp date:	/PROMEGA
10 X GOLD ST*R BUFFER	1.25 X =	
PRIMER PAIRS	1.25 X =	
STERILE WATER	4.60 X =	
AMPLITAQ GOLD™	0.40 X =	/PE
9947A Positive Control	1.0	
Negative Control (sterile water)	1.0	

NOTE: Total volume of master mix added to each tube is 7.5 µL; sample plus water is added to a final reaction volume of 12.5 µL.

Thermal cycler	
QC Date	